

# Heating Plant Sizing Summary for Central Quente

TFM SISTEMAS DE AQUECIMENTO  
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## 1. Plant Information:

Plant Name ..... **Central Quente**  
Plant Type ..... **Hot Water Boiler Plant**  
Design Weather ..... **Lisbon, Portugal**

## 2. Heating Plant Sizing Data:

Maximum Plant Load ..... **75,0** kW  
Load occurs at ..... **Winter Design**  
W/m<sup>2</sup> ..... **90,9** W/m<sup>2</sup>  
Floor area served by plant ..... **824,4** m<sup>2</sup>

## 3. Coincident Air System Heating Loads for Winter Design

Air System Name	Mult.	System Heating Coil Load ( kW )
Sistema Cozinha	1	1,2
Sistema Geral	1	73,7

System loads are for coils whose heating source is ' Hot Water ' .